

DO NOT
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DESIGNED & DIMENSIONED
IN MILLIMETERS[INCHES]

PETC-XX-XX-XX-01-X-RA-XX-X

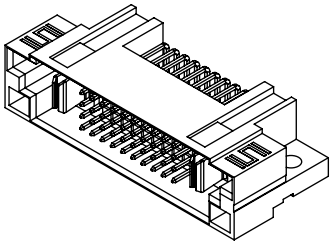
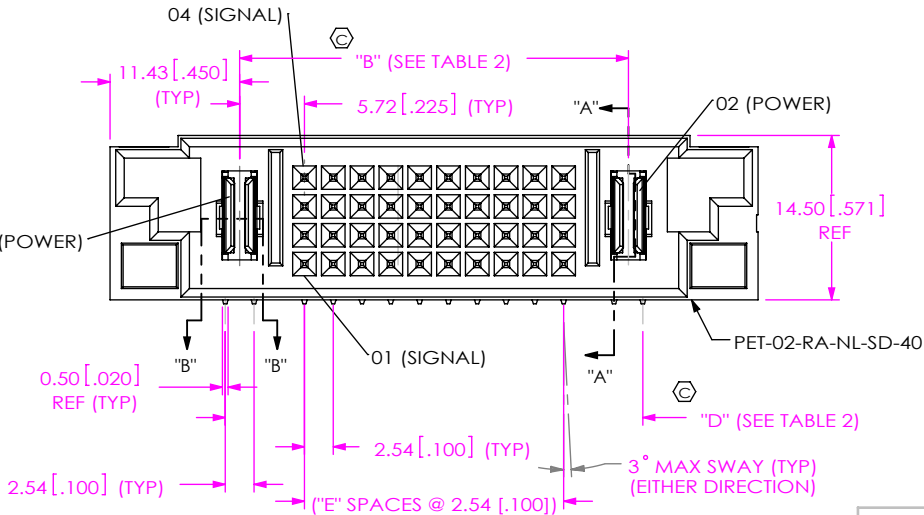
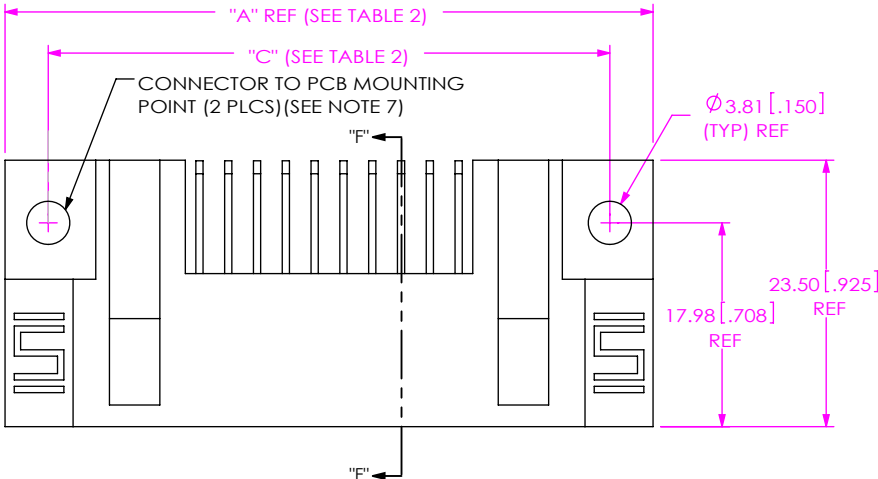
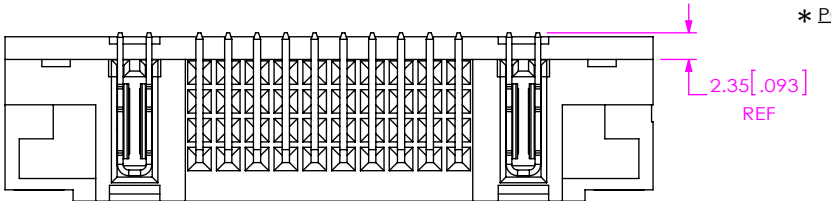
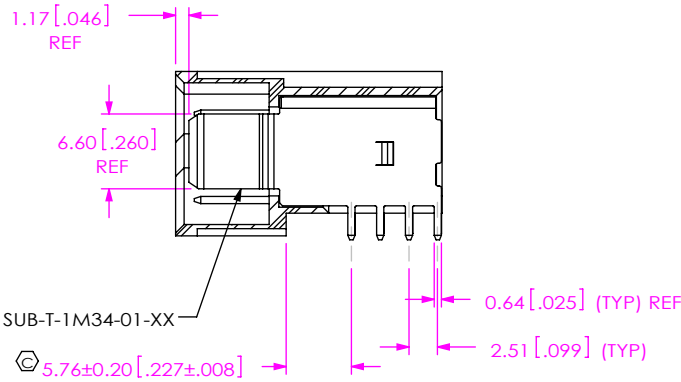


TABLE 1			
PART NUMBER	MAX	"E"	
PETC-01-40-01-01-X-RA-XX	0.15 [.006]	9	
PETC-02-40-02-01-X-RA-XX	0.15 [.006]	9	
PETC-04-40-04-01-X-RA-XX	0.20 [.008]	9	
PETC-01-12-01-01-X-RA-XX	0.15 [.006]	2	
PETC-02-12-02-01-X-RA-XX	0.15 [.006]	2	
PETC-04-12-04-01-X-RA-XX	0.15 [.006]	2	



SECTION "A"-"A"

NOTES:

1. Ⓢ REPRESENTS A CRITICAL DIMENSION.
2. MAXIMUM BURR ALLOWANCE: 0.13[.005]
3. MINIMUM PUSHOUT FORCE: 2.22N [.5 LB].
4. PARTS TO BE PACKAGED IN TRAYS.
5. PARTS PLACED IN TRAY WITH PIN #1 FACING THE RIGHT SIDE, DUE TO PIN NUMBERING ORDER.
6. IF EMPTY SPACE EXISTS IN THE TRAY POCKETS, INSERT A PLUG TP-07 PLACED IN THE POCKET SO THAT THE FLAT EDGE LAYS FLAT IN THE BOTTOM OF THE POCKET AND THE PLUG IS AGAINST THE CONNECTOR.
7. TORQUE TO BE 20 IN-OZ USING 6-32 UNC, 6-40 UNF OR M3 SCREW.

FIG 1
PETC-01-40-01-X-RA-SD SHOWN

UNLESS OTHERWISE SPECIFIED,
DIMENSIONS ARE IN MILLIMETERS.
TOLERANCES ARE:
DECIMALS ANGLES
.X: ±0.3 [.01] 2°
.XX: ±0.13 [.005]
.XXX: ±0.051 [.0020]

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MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 1:0.666667
INSULATOR: LCP, COLOR: BLACK
TERMINAL: COPPER ALLOY



520 PARK EAST BLVD, NEW ALBANY, IN 47150
PHONE: 812-944-6733 FAX: 812-948-5047
e-Mail: info@SAMTEC.com code 55322

DESCRIPTION:
RIGHT ANGLE POWER TERMINAL

DWG. NO.
PETC-XX-XX-XX-01-X-RA-XX-X

BY: CLAY W 1/12/2006 SHEET 1 OF 3

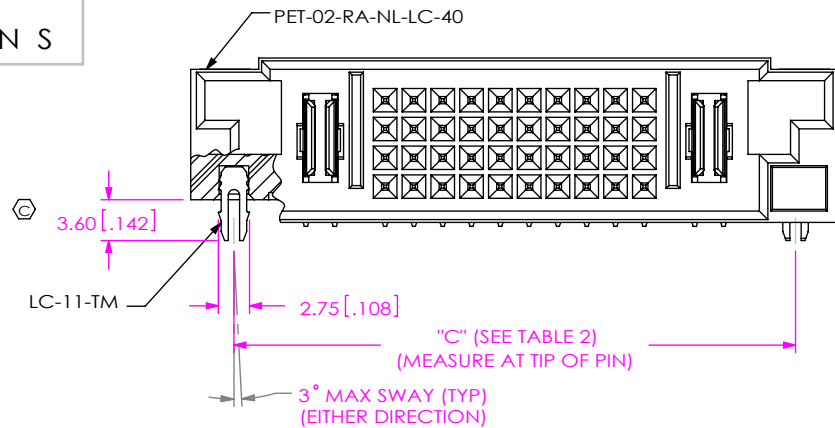


FIG 2
PETC-01-40-01-01-X-RA-LC SHOWN
(SAME AS FIG 1, UNLESS OTHERWISE STATED)

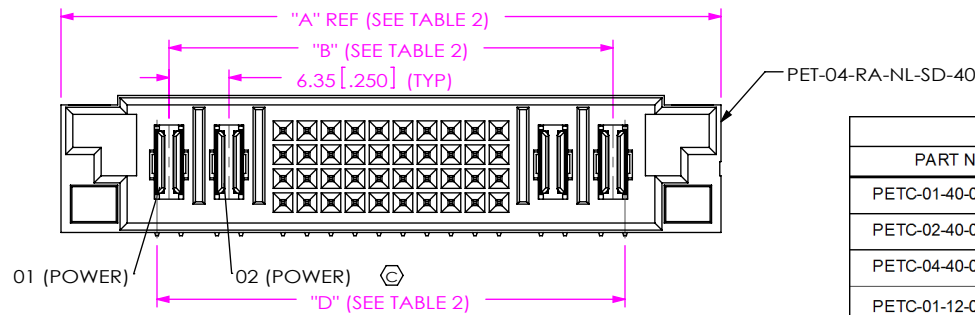


FIG 3
PETC-02-40-02-01-X-RA-SD SHOWN
(SAME AS FIG 1, UNLESS OTHERWISE STATED)

PART NUMBER	"A"	"B"	"C"	"D"
PETC-01-40-01-01-X-RA-XX	57.15 [2.250]	34.29 $\begin{smallmatrix} +0.20 \\ -0.13 \end{smallmatrix}$ [1.350] $\begin{smallmatrix} +.008 \\ -.005 \end{smallmatrix}$	49.53 $\begin{smallmatrix} +0.05 \\ -0.30 \end{smallmatrix}$ [1.950] $\begin{smallmatrix} +.002 \\ -.012 \end{smallmatrix}$	36.83 ± 0.20 [1.450] $\pm .008$
PETC-02-40-02-01-X-RA-XX	69.85 [2.750]	46.99 $\begin{smallmatrix} +0.20 \\ -0.13 \end{smallmatrix}$ [1.850] $\begin{smallmatrix} +.008 \\ -.005 \end{smallmatrix}$	62.23 $\begin{smallmatrix} +0.05 \\ -0.35 \end{smallmatrix}$ [2.450] $\begin{smallmatrix} +.002 \\ -.014 \end{smallmatrix}$	49.53 ± 0.20 [1.950] $\pm .008$
PETC-04-40-04-01-X-RA-XX	95.25 [3.750]	72.39 $\begin{smallmatrix} +0.25 \\ -0.13 \end{smallmatrix}$ [2.850] $\begin{smallmatrix} +.010 \\ -.005 \end{smallmatrix}$	87.63 [3.450]	74.93 ± 0.20 [2.950] $\pm .008$
PETC-01-12-01-01-X-RA-XX	39.37 [1.550]	16.51 $\begin{smallmatrix} +0.20 \\ -0.13 \end{smallmatrix}$ [0.650] $\begin{smallmatrix} +.008 \\ -.005 \end{smallmatrix}$	31.75 $\begin{smallmatrix} +0.05 \\ -0.35 \end{smallmatrix}$ [1.250] $\begin{smallmatrix} +.002 \\ -.014 \end{smallmatrix}$	19.05 ± 0.20 [0.750] $\pm .008$
PETC-02-12-02-01-X-RA-XX	52.07 [2.050]	29.21 $\begin{smallmatrix} +0.20 \\ -0.13 \end{smallmatrix}$ [1.150] $\begin{smallmatrix} +.008 \\ -.005 \end{smallmatrix}$	44.45 $\begin{smallmatrix} +0.05 \\ -0.35 \end{smallmatrix}$ [1.750] $\begin{smallmatrix} +.002 \\ -.014 \end{smallmatrix}$	31.75 ± 0.20 [1.250] $\pm .008$
PETC-04-12-04-01-X-RA-XX	77.47 [3.050]	54.61 $\begin{smallmatrix} +0.20 \\ -0.13 \end{smallmatrix}$ [2.150] $\begin{smallmatrix} +.008 \\ -.005 \end{smallmatrix}$	69.85 $\begin{smallmatrix} +0.05 \\ -0.35 \end{smallmatrix}$ [2.750] $\begin{smallmatrix} +.002 \\ -.014 \end{smallmatrix}$	57.15 ± 0.20 [2.250] $\pm .008$

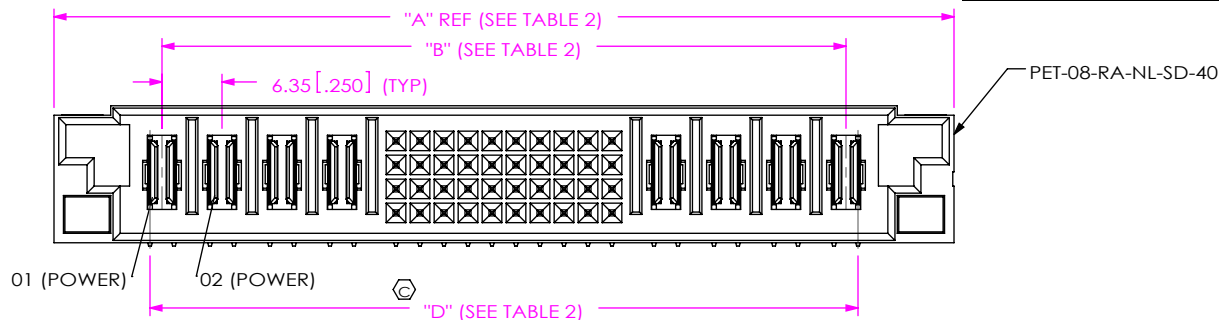


FIG 4
PETC-04-40-04-01-X-RA-SD SHOWN
(SAME AS FIG 1, UNLESS OTHERWISE STATED)

F:\DWG\MISC\MKTG\PETC-XX-XX-XX-01-X-RA-XX-X-MKT.SLDDRW

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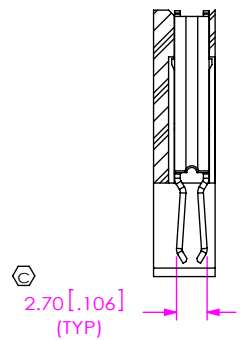
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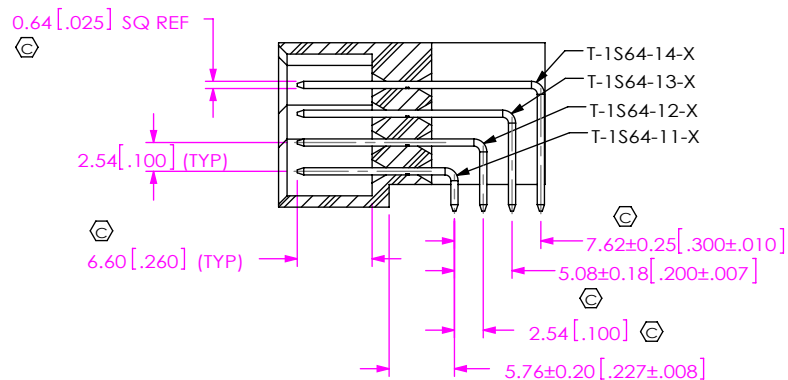
DESCRIPTION:
RIGHT ANGLE POWER TERMINAL

DWG. NO.
PETC-XX-XX-XX-01-X-RA-XX-X

BY: CLAY W 1/12/2006 SHEET 2 OF 3



SECTION "B"-"B"



SECTION "F"-"F"

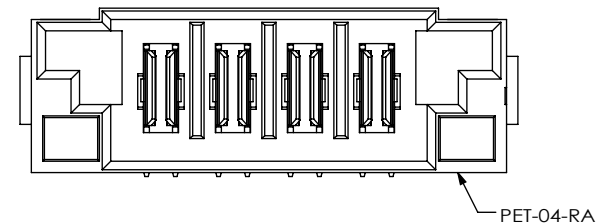


FIG 5
PETC-04-XX-X-RA-L SHOWN
(SAME AS FIG 1, UNLESS OTHERWISE STATED)

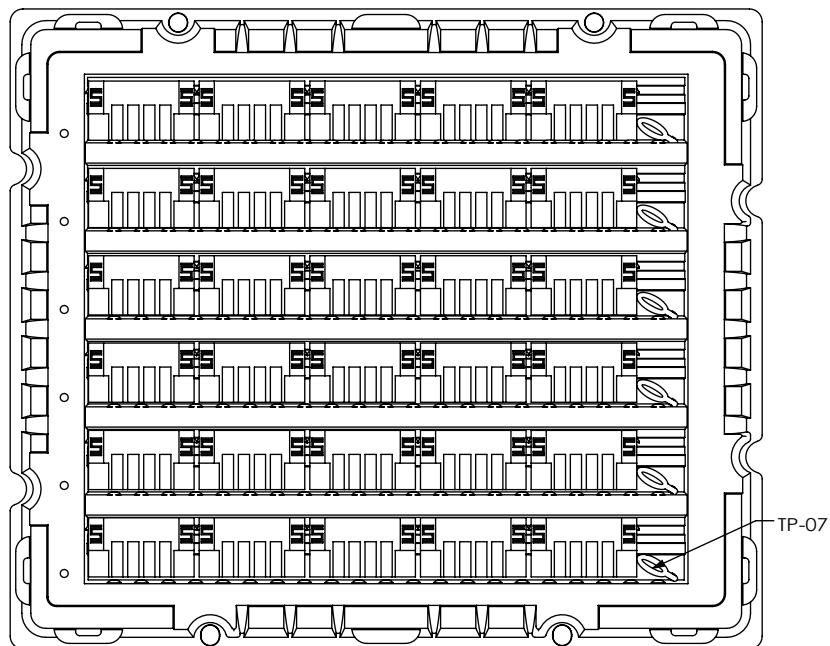
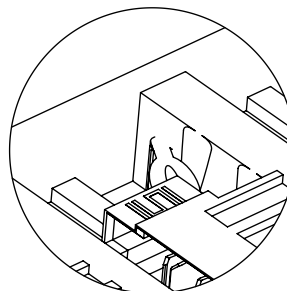
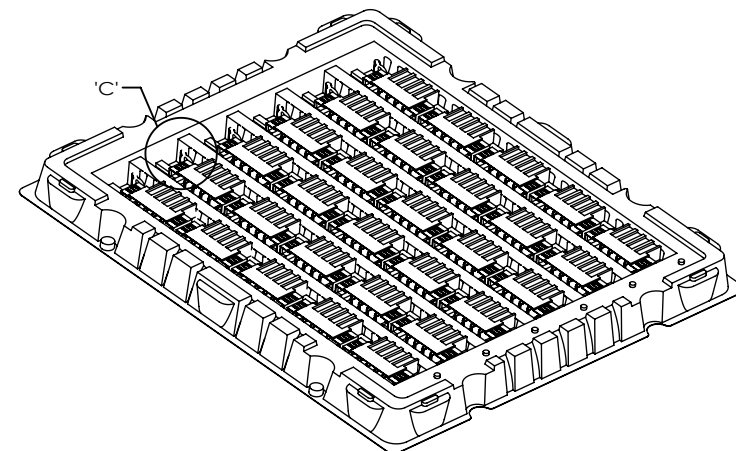


FIG 6
TRAY VIEW
(SEE NOTE 6)



DETAIL 'C'
SCALE 1:1



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DESCRIPTION:
RIGHT ANGLE POWER TERMINAL

DWG. NO.
PETC-XX-XX-XX-01-X-RA-XX-X

BY: CLAY W 1/12/2006 SHEET 3 OF 3

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Authorized Distributor

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